ADONIS 001928059100100X

Author Index

ABERNETHY N. J., HAY J. B., KIMPTON W. G., WASHINGTON E. & CAHILL R. N. P. Lymphocyte subset-specific and tissue-specific lymphocyte–endothelial cell recognition mechanisms independently direct the recirculation of lymphocytes from blood to lymph in sheep, 239
AIZAWA C. *see* HIRABAYASHI Y.
ANDO T. *see* MATSUMOTO K.
ANTOINE J.-C. *see* LANG T.
ARIZONO N. *see* YAMADA M.
ASANO T. *see* MATSUMOTO K.

BAKER D. *see* O'NEILL J. K.
BARBONI E., GORMLEY A. M., PLIEGO RIVERO F. B., VIDAL M. & MORRIS R. J. Activation of T lymphocytes by cross-linking of glycophospholipid-anchored Thy-1 mobilizes separate pools of intracellular second messengers to those induced by the antigen–receptor/CD3 complex, 457
BARKER P. J. *see* TAUSSIG M. J.
BAROJA M. L. *see* VERWILGHEN J.
BASSETT P. D. *see* JAMES R. F. L.
BATEMAN W. J. *see* MAUDSLEY D. J.
BATES E. J., FERRANTE A. & BEARD L. J. Characterization of the major neutrophil-stimulating activity present in culture medium conditioned by *Staphylococcus aureus*-stimulated mononuclear leucocytes, 448
BEALE D. *see* TAUSSIG M. J.
BEARD L. J. *see* BATES E. J.
BEDFORD P. *see* PATTERSON S.
BELLO-FERNANDEZ C., OBLAKOWSKI P., MEAGER A., DUNCOMBE A. S., RILL D. M., HOFFBRAND A. V. & BRENNER M. K. IL-4 acts as a homeostatic regulator of IL-2-induced TNF and IFN-γ, 161
BENDER B. S., JOHNSON M. P. & SMALL P. A. Influenza in senescent mice: impaired cytotoxic T-lymphocyte activity is correlated with prolonged infection, 514
BERTINI R., WANG J. M., MENGOZZI M., WILLEMS J., JONIAU M., VAN DAMME J. & GHEZZI P. Effects of chlorpromazine on PMN-mediated activities *in vivo* and *in vitro*, 138
BESSLER W. G. *see* WIESMÜLLER K.-H.
BHALLA A. K., PAAVONENE T., WILLIAMS M. M., DELVES P. J. & LYDYARD P. M. Regulation of interleukin-1 and tumour necrosis factor gene expression in myelomonocytic cell lines by 1,25-dihydroxyvitamin D_3, 61
BHAMBHANI M. *see* WARREN C. J.
BHAN A. K. *see* HUGHES A.
BIANCHI A. T. J. *see* VAN DER HEIJDEN P. J.
BLACK C. M., MCDOUGAL J. S., EVATT B. L. & REIMER C. B. Human markers for IgG2 and IgG4 appear to be on the same molecule in the chimpanzee, 94
BLOCK K. J. *see* HUGHES A.
BOKHOUT B. A. *see* VAN DER HEIJDEN P. J.
BÖLTZ T. *see* WIESMÜLLER K.-H.
BOOTS A. M. H., VAN LIEROP M. J., KUSTERS J. G., VAN KOOTEN P. J. S., VAN DER ZEIJST B. A. M. & HENSEN E. J. MHC class II-restricted T-cell hybridomas recognizing the nucleocapsid protein of avian coronavirus IBV, 10
BOTTOMLY K. *see* GAO X.-M.
BOUBELLE P. E., GINGRAS D., DEMERS C., DUBOIS C., HARBOUR D., GRASSI J. & ROLA-PLESZCZYNSKI M. Platelet-activating factor (PAF-acether) enhances the concomitant production of tumour necrosis factor-alpha and interleukin-1 by subsets of human monocytes, 181
BRADBURY M. G. & PARISH C. R. Characterization of lymphocyte receptors for glycosaminoglycans, 231
BRADLEY B. A. *see* LEADER K. A.
BRENNER M. K. *see* BELLO-FERNANDEZ C.
BRIEVA J. A., ROLDÁN E., DE LA SEN M.-L. & RODRIGUEZ C. Human *in vivo*-induced spontaneous IgG-secreting cells from tonsil, blood and bone marrow exhibit different phenotype and functional level of maturation, 580
BRUGGEMAN C. A. *see* SPAN A. H. M.
BUCKHAM S. *see* CHAMPION B. R.
BURBELO P. D. *see* THOMPSON H. L.
BURGER R. *see* SCHÄFER H.
BUTCHER E. C. *see* O'NEILL J. K.
BUTTER C. *see* O'NEILL J. K.

CAHILL R. N. P. *see* ABERNETHY N. J.
CAWLEY M. I. D. *see* WARREN C. J.
CEUPPENS J. L. *see* VERWILGHEN J.
CHAMPION B. R., BUCKHAM S., PAGE K., OBRAY H. & ZANDERS E. D. Secondary immunoglobulin responses of BALB/c mice previously stimulated with goat anti-mouse IgD, 336
CHATURVEDI U. C. *see* KHANNA M.
CHIARA M. D. & SOBRINO F. Modulation of the inhibition of respiratory burst in mouse macrophages by cyclosporin A: effect of *in vivo* treatment, glucocorticoids and the state of activation of cells, 133
CHIN D. H. L. *see* WU C. J.
CHRISTIE J. F. *see* KENNEDY M. W.
CLARK K. *see* KIRBY J. A.
CLARK-LEWIS I. *see* SMITH W. B.
CLARKE C. J., WILSON A. D., WILLIAMS N. A. & STOKES C. R. Mucosal priming of T-lymphocyte responses to fed protein antigens using cholera toxin as an adjuvant, 323
COLEMAN J. W. *see* O'DONNELL C. A.
COLEY J. *see* TAUSSIG M. J.
COMPSTON D. A. S. *see* SCOLDING N. J.
COOPER R. L. *see* HART P. H.
CRISPE I. N. *see* MALOY K. J.

DAYER J.-M. *see* FERRANTE A.
DEARMAN R. J. & KIMBER I. Differential stimulation of immune function by respiratory and contact chemical allergens, 563
DEGIORI L. *see* MATOSSIAN-ROGERS A.
DE LA SEN M.-L. *see* BRIEVA J.A.
DELVES P. J. *see* BHALLA A. K.
DEMERS C. *see* BOUBELLE P. E.
DEMETER J., MEDZIHRADSZKY D., KHA H., GOETZL E. J. & TURCK C. W. Isolation and partial characterization of the structures of fibroblast activating factor-related proteins from U937 cells, 350
DE NICHILO M. *see* STEWART A. G.
DENYER M. *see* KAY J. E.
DE SOUSA M. *see* KUPIEC-WEGLINSKI J. W.
DHAWAN R. *see* KHANNA M.
DIAZ-SANCHEZ D. & KEMENY D. M. Generation of a long-lived IgE response in high and low responder strains of rat by co-administration of ricin and antigen, 297
DIMARCHI R. *see* STEWARD M. W.
DINARELLO C. A. *see* ENDRES S.
DOE S. E. A. *see* KAY J. E.
DOEL T. R. *see* STEWARD M. W.
DOL M. *see* VAN DER HEIJDEN P. J.
DONACHIE A. M. *see* MOWAT A. MCI.
DUBOIS C. *see* BOUBELLE P. E.
DUNCOMBE A. S. *see* BELLO-FERNANDEZ C.
DUTTON R. W. *see* KUBOTA E.

ADONIS 001928059100100X

Author Index

ABERNETHY N. J., HAY J. B., KIMPTON W. G., WASHINGTON E. & CAHILL R. N. P. Lymphocyte subset-specific and tissue-specific lymphocyte–endothelial cell recognition mechanisms independently direct the recirculation of lymphocytes from blood to lymph in sheep, 239
AIZAWA C. *see* HIRABAYASHI Y.
ANDO T. *see* MATSUMOTO K.
ANTOINE J.-C. *see* LANG T.
ARIZONO N. *see* YAMADA M.
ASANO T. *see* MATSUMOTO K.

BAKER D. *see* O'NEILL J. K.
BARBONI E., GORMLEY A. M., PLIEGO RIVERO F. B., VIDAL M. & MORRIS R. J. Activation of T lymphocytes by cross-linking of glycophospholipid-anchored Thy-1 mobilizes separate pools of intracellular second messengers to those induced by the antigen–receptor/CD3 complex, 457
BARKER P. J. *see* TAUSSIG M. J.
BAROJA M. L. *see* VERWILGHEN J.
BASSETT P. D. *see* JAMES R. F. L.
BATEMAN W. J. *see* MAUDSLEY D. J.
BATES E. J., FERRANTE A. & BEARD L. J. Characterization of the major neutrophil-stimulating activity present in culture medium conditioned by *Staphylococcus aureus*-stimulated mononuclear leucocytes, 448
BEALE D. *see* TAUSSIG M. J.
BEARD L. J. *see* BATES E. J.
BEDFORD P. *see* PATTERSON S.
BELLO-FERNANDEZ C., OBLAKOWSKI P., MEAGER A., DUNCOMBE A. S., RILL D. M., HOFFBRAND A. V. & BRENNER M. K. IL-4 acts as a homeostatic regulator of IL-2-induced TNF and IFN-γ, 161
BENDER B. S., JOHNSON M. P. & SMALL P. A. Influenza in senescent mice: impaired cytotoxic T-lymphocyte activity is correlated with prolonged infection, 514
BERTINI R., WANG J. M., MENGOZZI M., WILLEMS J., JONIAU M., VAN DAMME J. & GHEZZI P. Effects of chlorpromazine on PMN-mediated activities *in vivo* and *in vitro*, 138
BESSLER W. G. *see* WIESMÜLLER K.-H.
BHALLA A. K., PAAVONENE T., WILLIAMS M. M., DELVES P. J. & LYDYARD P. M. Regulation of interleukin-1 and tumour necrosis factor gene expression in myelomonocytic cell lines by 1,25-dihydroxyvitamin D_3, 61
BHAMBHANI M. *see* WARREN C. J.
BHAN A. K. *see* HUGHES A.
BIANCHI A. T. J. *see* VAN DER HEIJDEN P. J.
BLACK C. M., MCDOUGAL J. S., EVATT B. L. & REIMER C. B. Human markers for IgG2 and IgG4 appear to be on the same molecule in the chimpanzee, 94
BLOCK K. J. *see* HUGHES A.
BOKHOUT B. A. *see* VAN DER HEIJDEN P. J.
BÖLTZ T. *see* WIESMÜLLER K.-H.
BOOTS A. M. H., VAN LIEROP M. J., KUSTERS J. G., VAN KOOTEN P. J. S., VAN DER ZEIJST B. A. M. & HENSEN E. J. MHC class II-restricted T-cell hybridomas recognizing the nucleocapsid protein of avian coronavirus IBV, 10
BOTTOMLY K. *see* GAO X.-M.
BOUBELLE P. E., GINGRAS D., DEMERS C., DUBOIS C., HARBOUR D., GRASSI J. & ROLA-PLESZCZYNSKI M. Platelet-activating factor (PAF-acether) enhances the concomitant production of tumour necrosis factor-alpha and interleukin-1 by subsets of human monocytes, 181
BRADBURY M. G. & PARISH C. R. Characterization of lymphocyte receptors for glycosaminoglycans, 231
BRADLEY B. A. *see* LEADER K. A.
BRENNER M. K. *see* BELLO-FERNANDEZ C.
BRIEVA J. A., ROLDÁN E., DE LA SEN M.-L. & RODRIGUEZ C. Human *in vivo*-induced spontaneous IgG-secreting cells from tonsil, blood and bone marrow exhibit different phenotype and functional level of maturation, 580
BRUGGEMAN C. A. *see* SPAN A. H. M.
BUCKHAM S. *see* CHAMPION B. R.
BURBELO P. D. *see* THOMPSON H. L.
BURGER R. *see* SCHÄFER H.
BUTCHER E. C. *see* O'NEILL J. K.
BUTTER C. *see* O'NEILL J. K.

CAHILL R. N. P. *see* ABERNETHY N. J.
CAWLEY M. I. D. *see* WARREN C. J.
CEUPPENS J. L. *see* VERWILGHEN J.
CHAMPION B. R., BUCKHAM S., PAGE K., OBRAY H. & ZANDERS E. D. Secondary immunoglobulin responses of BALB/c mice previously stimulated with goat anti-mouse IgD, 336
CHATURVEDI U. C. *see* KHANNA M.
CHIARA M. D. & SOBRINO F. Modulation of the inhibition of respiratory burst in mouse macrophages by cyclosporin A: effect of *in vivo* treatment, glucocorticoids and the state of activation of cells, 133
CHIN D. H. L. *see* WU C. J.
CHRISTIE J. F. *see* KENNEDY M. W.
CLARK K. *see* KIRBY J. A.
CLARK-LEWIS I. *see* SMITH W. B.
CLARKE C. J., WILSON A. D., WILLIAMS N. A. & STOKES C. R. Mucosal priming of T-lymphocyte responses to fed protein antigens using cholera toxin as an adjuvant, 323
COLEMAN J. W. *see* O'DONNELL C. A.
COLEY J. *see* TAUSSIG M. J.
COMPSTON D. A. S. *see* SCOLDING N. J.
COOPER R. L. *see* HART P. H.
CRISPE I. N. *see* MALOY K. J.

DAYER J.-M. *see* FERRANTE A.
DEARMAN R. J. & KIMBER I. Differential stimulation of immune function by respiratory and contact chemical allergens, 563
DEGIORI L. *see* MATOSSIAN-ROGERS A.
DE LA SEN M.-L. *see* BRIEVA J.A.
DELVES P. J. *see* BHALLA A. K.
DEMERS C. *see* BOUBELLE P. E.
DEMETER J., MEDZIHRADSZKY D., KHA H., GOETZL E. J. & TURCK C. W. Isolation and partial characterization of the structures of fibroblast activating factor-related proteins from U937 cells, 350
DE NICHILO M. *see* STEWART A. G.
DENYER M. *see* KAY J. E.
DE SOUSA M. *see* KUPIEC-WEGLINSKI J. W.
DHAWAN R. *see* KHANNA M.
DIAZ-SANCHEZ D. & KEMENY D. M. Generation of a long-lived IgE response in high and low responder strains of rat by co-administration of ricin and antigen, 297
DIMARCHI R. *see* STEWARD M. W.
DINARELLO C. A. *see* ENDRES S.
DOE S. E. A. *see* KAY J. E.
DOEL T. R. *see* STEWARD M. W.
DOL M. *see* VAN DER HEIJDEN P. J.
DONACHIE A. M. *see* MOWAT A. MCI.
DUBOIS C. *see* BOUBELLE P. E.
DUNCOMBE A. S. *see* BELLO-FERNANDEZ C.
DUTTON R. W. *see* KUBOTA E.

EDWARDS S. *see* JAMES R. F. L.
EGUCHI K. *see* MIGATA K.
ELLNER J. J. *see* FUJIWARA H.
ELSE K. J. & GRENCIS R. K. Cellular immune responses to the murine nematode parasite *Trichuris muris*. I. Differential cytokine production during acute or chronic infection, 508
ENDRES S., FÜLLE H.-J., SINHA B., STOLL D., DINARELLO C. A., GERZER R. & WEBER P. C. Cyclic nucleotides differentially regulate the synthesis of tumour necrosis factor-α and interleukin-1β by human mononuclear cells, 56
EVATT B. L. *see* BLACK C. M.

FAIRHURST M. *see* WATERFIELD J. D.
FARRELL H. E. *see* LAWSON C. M.
FEIGHERY C. F. *see* QUINN D. G.
FENNELL J. S. *see* QUINN D. G.
FERRANTE A., HAUPTMANN B., SECKINGER P. & DAYER J.-M. Inhibition of tumour necrosis factor-alpha (TNF-α)-induced neutrophil respiratory burst by a TNF inhibitor, 440
FERRANTE A. *see* BATES E. J.
FINLAY-JONES J. J. *see* HART P. H.
FITZGERALD-BOCARSLY P. *see* HOWELL D. M.
FORSYTH K. D. Anti-CD9 antibodies augment neutrophil adherence to endothelium, 292
FOSTER A. L. *see* O'DONNELL C. A.
FOXWELL B. M. J. *see* RYFFEL B.
FRASER E. M. *see* KENNEDY M. W.
FUJIWARA H., OHNISHI K., KISHIMOTO S., ELLNER J. J. & TSUYUGUCHI I. Release of a suppressor cell-inducing factor by monocytes from patients with pulmonary tuberculosis, 194
FUKUDA T. *see* MIGATA K.
FÜLLE H.-J. *see* ENDRES S.
FUNG M. C. *see* ZOLA H.

GAFFNEY E. F. *see* QUINN D. G.
GALLAGHER G. *see* ZALOOM Y.
GAMBLE J. R. *see* SMITH W. B.
GANI M. *see* TAUSSIG M. J.
GAO X.-M., LIEW F. Y., BOTTOMLY K., MEAGER A. & TITE J. P. Clonal analysis of the relationship between class II MHC-restricted cytolysis and lymphokine secretion in murine L3T4$^+$ T cells, 256
GERZER R. *see* ENDRES S.
GHEZZI P. *see* BERTINI R.
GILBERT W. *see* WU C. J.
GILLEN D. *see* HUGHES A.
GILLESSEN D. *see* WIESMÜLLER K.-H.
GINGRAS D. *see* BOUBELLE P. E.
GIOVINO V. C. *see* HUGHES A.
GLASS E. J., OLIVER R. A. & SPOONER R. L. Bovine T cells recognize antigen in association with MHC class II haplotypes defined by one-dimensional isoelectric focusing, 380
GLEESON P. A. *see* KOOY J.
GOETZL E. J. *see* DEMETER J.
GORMLEY A. M. *see* BARBONI E.
GRASSI J. *see* BOUBELLE P. E.
GREINER B. *see* RYFFEL B.
GRENCIS R. K. *see* ELSE K. J.
GROSS J. *see* PATTERSON S.
GROSVELD F. *see* JAMES R. F. L.
GSCHMEISSNER S. E. *see* O'NEILL J. K.
GYURE L. A., HALL J. G., HOBBS S. M. & JACKSON L. E. IgA antibodies in the bile of rats. V. Primacy of the GALT as a source of IgA, 85

HADLEY A. G. *see* LEADER K. A.
HAENDLER B. *see* RYFFEL B.
HALL J. G. *see* GYURE L. A.
HANDA T. *see* MURAMORI K.
HAPEL S. A. *see* ZOLA H.
HARBOUR D. *see* BOUBELLE P. E.
HARMATZ P. R. *see* HUGHES A.
HARRIS T. *see* STEWART A. G.
HART P. H., COOPER R. L. & FINLAY-JONES J. J. IL-4 suppresses IL-1β, TNF-α and PGE_2 production by human peritoneal macrophages, 344
HAUPTMANN B. *see* FERRANTE A.
HAY J. B. *see* ABERNETHY N. J.
HENSEN E. J. *see* BOOTS A. M. H.
HILL J. O. Reduced numbers of CD4$^+$ suppressor cells with subsequent expansion of CD8$^+$ protective T cells as an explanation for the paradoxical state of enhanced resistance to *Leishmania* in T-cell deficient BALB/c mice, 282
HILL T. J. *see* WILLIAMS N. A.
HIRABAYASHI Y., TAMURA S.-I., SUZUKI Y., NAGAMINE T., AIZAWA C., SHIMADA K. & KURATA T. *H-2*-unrestricted adjuvant effect of cholera toxin B subunit on murine antibody responses to influenza virus haemagglutinin, 329
HITOSHI Y. *see* KORENAGA M.
HOBBS S. M. *see* GYURE L. A.
HOFFBRAND A. V. *see* BELLO-FERNANDEZ C.
HOLMDAHL R. *see* NORDLING C.
HOOPER D. C. *see* WILLIAMS N. A.
HOWELL D. M. & FITZGERALD-BOCARSLY P. Natural killer-mediated lysis of some but not all HSV-1 or VSV-infected targets requires the participation of HLA-DR-positive accessory cells, 443
HOWELL W. M. *see* WARREN C. J.
HUGHES A., BLOCK K. J., BHAN A. K., GILLEN D., GIOVINO V. C. & HARMATZ P. R. Expression of MHC class II (Ia) antigen by the neonatal enterocyte: the effect of treatment with interferon-gamma, 491
HUI K. M. *see* JAMES R. F. L.
HUMPHREYS A. S. *see* TAUSSIG M. J.
HUNTLEY J. F. *see* NEWLANDS G. F.
HUSKISSON N. S. *see* TAUSSIG M. J.

IDA H. *see* MIGATA K.
IKUTA S. *see* KIRBY J. A.
INGLEY E. *see* ZOLA H.
ISHIKAWA N. *see* MIGATA K.
ISHIOKA C. *see* KIMATA H.
ITO K. *see* MIGATA K.
IWATA M. *see* SHIMOZATO T.

JACKSON L. E. *see* GYURE L. A.
JAFFE C. L. *see* PADEH S.
JAMES R. F. L., EDWARDS S., HUI K. M., BASSETT P. D. & GROSVELD F. The effect of class II gene transfection on the tumourigenicity of the H-2K-negative mouse leukaemia cell line K36.16, 213
JARRETT O. *see* MOWAT A. MCI.
JOHNSON L. L. Failure of a tumour to prime CTL specific for some of the minor H antigens it expresses but not others, 532
JOHNSON M. P. *see* BENDER B. S.
JONIAU M. *see* BERTINI R.
JUNG G. *see* WIESMÜLLER K.-H.

KAMADA N. *see* YAMAGUCHI A.
KARTTUNEN J. T. *see* WU C. J.
KASAHARA Y. *see* TAGA K.
KAWADA H. *see* SHIMOZATO T.
KAWAKAMI A. *see* MIGATA K.
KAY J. E., KROMWEL L., DOE S. E. A. & DENYER M. Inhibition of T and B lymphocyte proliferation by rapamycin, 544
KEMENY D. M. *see* DIAZ-SANCHEZ D.
KENNEDY M. W., FRASER E. M. & CHRISTIE J. F. MHC class II (I–A) region control of the IgE antibody repertoire to the ABA-1 allergen of the nematode *Ascaris*, 577
KHA H. *see* DEMETER J.
KHANNA M., CHATURVEDI U. C., DHAWAN R., TEKWANI B. L. & PANDEY V. C. Presence of Ca^{2+} is obligatory for the cytotoxic activity of dengue virus-induced cytotoxic factor, 73
KIERSZENBAUM F. *see* RODRIGUEZ DE CUNA C.
KIMATA H., YOSHIDA A., ISHIOKA C. & MIKAWA H. Stimulation of Ig production and growth of human lymphoblastoid B-cell lines by nerve growth factor, 451
KIMBER I. *see* DEARMAN R. J.
KIMPTON W. G. *see* ABERNETHY N. J.
KIRBY J. A., IKUTA S., CLARK K., PROUD G., LENNARD T. W. J. & TAYLOR R. M. R. Renal allograft rejection: investigation of alloantigen presentation by cultured human renal epithelial cells, 411
KISHIMOTO S. *see* FUJIWARA H.

KISHIMOTO S. *see* MINAMI Y.
KLARESKOG L. *see* NORDLING C.
KLEINMAN H. K. *see* THOMPSON H. L.
KNIGHT S. C. *see* PATTERSON S.
KOMORI T. *see* MINAMI Y.
KÖNIG W. *see* RAULF M.
KOOY J., UNDERWOOD J. R. & GLEESON P. A. Identification of components of the endoplasmic reticulum and Golgi complex by murine autoreactive monoclonal antibodies, 418
KORENAGA M., HITOSHI Y., YAMAGUCHI N., SATO Y., TAKATSU K. & TADA I. The role of interleukin-5 in protective immunity to *Strongyloides venezuelensis* infection in mice1, 502
KRAAL G. *see* O'NEILL J. K.
KREUZBURG-DUFFY U. & MACDONALD C. Establishment of immortalized cell lines from mouse peritoneal macrophages following transformation with SV40 early region DNA deleted at the origin of replication, 368
KROMWEL L. *see* KAY J. E.
KUBOTA E., MCKENZIE D. T., DUTTON R. W. & SWAIN S. L. Role of T cells in the B-cell response: glutaraldehyde-fixed T-helper hybridoma cells synergize with the lymphokine IL-4 to induce B-cell activation and proliferation, 40
KUMPEL B. M. *see* LEADER K. A.
KUPIEC-WEGLINSKI J. W. & DE SOUSA M. Lymphocyte traffic is modified *in vivo* by anti-laminin antibody, 312
KURATA A. *see* MIGATA K.
KURATA T. *see* HIRABAYASHI Y.
KUSTERS J. G. *see* BOOTS A. M. H.

LAMMAS D. A. *see* NEWLANDS G. F.
LANG T. & ANTOINE J.-C. Localization of MHC class II molecules in murine bone marrow-derived macrophages, 199
LANSVERK T. *see* PRESS C.
LAWSON C. M., O'DONOGHUE H. L., FARRELL H. E., SHELLAM G. R. & REED W. D. Murine anti-cytomegalovirus monoclonal antibodies with autoreactivity, 426
LEADER K. A., KUMPEL B. M., HADLEY A. G. & BRADLEY B. A. Functional interactions of aglycosylated monoclonal anti-D with $Fc\gamma RI^+$ and $Fc\gamma RIII^+$ cells, 481
LEE R. P. & OPDEBEECK J. P. Isolation of protective antigens from the gut of *Boophilus microplus* using monoclonal antibodies, 121
LENNARD T. W. J. *see* KIRBY J. A.
LEVI-SCHAFFER F., SEGAL V. & SHALIT M. Effects of interleukins on connective tissue type mast cells co-cultured with fibroblasts, 174
LIEW F. Y. *see* GAO X.-M.
LIEW F. Y. *see* YANG D. M.
LOFFL C. *see* WIESMÜLLER K.-H.
LOPEZ A. F. *see* STEWART A. G.
LYDYARD P. M. *see* BHALLA A. K.

MCCLURE S. *see* PRESS C.
MCCULLAGH P. The inability of thyroid allografts to induce self-tolerance of organ-specific antigen in foetal lambs, 405
MCCULLOCH P. *see* ZALOOM Y.
MCDOUGAL J. S. *see* BLACK C. M.
MACDONALD C. *see* KREUZBURG-DUFFY U.
MACKELLAR A. *see* NEWLANDS G. F.
MCKENZIE D. T. *see* KUBOTA E.
MCKENZIE I. F. C. *see* XING P.-X.
MALE D. K. *see* PRYCE G.
MALOY K. J., MOWAT A. MCI., ZAMOYSKA R. & CRISPE I. N. Phenotypic heterogeneity of intraepithelial T lymphocytes from mouse small intestine, 555
MARUŠIĆ-GALEŠIĆ S., PAVELIĆ K. & POKRIĆ B. Cellular immune response to the antigen administered as an immune complex, 526
MATOSSIAN-ROGERS A. & DEGIORI L. Unresponsiveness to Mls^a induced in newborn Mls^b mice by maternal preimmunization, 219
MATSUMOTO K., YOSHIKAI Y., MOROI Y., ASANO T., ANDO T. & NOMOTO K. Two differential pathways from double-negative to double-positive thymocytes, 20
MATSUMOTO Y. *see* YAMADA M.
MAUDSLEY D. J., BATEMAN W. J. & MORRIS A. G. Reduced stimulation of helper T cells by Ki-*ras* transformed cells, 277
MEAGER A. *see* BELLO-FERNANDEZ C.
MEAGER A. *see* GAO X.-M.
MEDZIHRADSZKY D. *see* DEMETER J.
MENGOZZI M. *see* BERTINI R.
METCALFE D. D. *see* THOMPSON H. L.
MIGATA K., EGUCHI K., KAWAKAMI A., IDA H., FUKUDA T., KURATA A., ISHIKAWA N., ITO K. & NAGATAKI S. Detection of Leu-19 (CD56) antigen on human thyroid epithelial cells by an immunohistochemical method, 246
MIHATSCH M. J. *see* RYFFEL B.
MIKAWA H. *see* KIMATA H.
MILLER H. R. P. *see* NEWLANDS G. F.
MINAMI Y., SAKATO N., KOMORI T., KISHIMOTO S. & SUGIYAMA H. Monoclonal anti-V_H141 antibodies that specifically recognize the heavy chain variable region of, and are closely related to, MOPC141 myeloma protein whose V_H gene belongs to V_HQ52 family, 464
MITSUYAMA M. *see* MURAMORI K.
MIYAWAKI T. *see* TAGA K.
MOROI Y. *see* MATSUMOTO K.
MORRIS A. G. *see* MAUDSLEY D. J.
MORRIS R. J. *see* BARBONI E.
MOWAT A. MCI., DONACHIE A. M., REID G. & JARRETT O. Immune-stimulating complexes containing Quil A and protein antigen prime class I MHC-restricted T lymphocytes *in vivo* and are immunogenic by the oral route, 317
MOWAT A. MCI. *see* MALOY K. J.
MULCAHY G. *see* STEWARD M. W.
MULLERS W. *see* SPAN A. H. M.
MURAMORI K., MITSUYAMA M., HANDA T., SERUSHAGO B. A. & NOMOTO K. A dissociated induction of MCF-producing and MAF-producing T cells specific for *Listeria monocytogenes* in the *in vitro* primary culture system, 373

NAGAMINE T. *see* HIRABAYASHI Y.
NAGATAKI S. *see* MIGATA K.
NAGELKERKEN L. *see* VAN DEN BEGH P.
NAKAZAWA M. *see* YAMADA M.
NEWLANDS G. F., LAMMAS D. A., HUNTLEY J. F., MACKELLAR A., WAKELIN D. & MILLER H. R. P. Heterogeneity of murine bone marrow-derived mast cells: analysis of their proteinase content, 434
NILTENBURG A. M. M. *see* SPAN A. H. M.
NOMOTO K. *see* MATSUMOTO K.
NOMOTO K. *see* MURAMORI K.
NORDLING C., HOLMDAHL R. & KLARESKOG L. Down-regulation of collagen arthritis after *in vivo* treatment with a syngeneic monoclonal anti-idiotypic antibody to a cross-reactive idiotope on collagen II auto-antibodies, 486
NORTHROP A. J. *see* TAUSSIG M. J.

OBLAKOWSKI P. *see* BELLO-FERNANDEZ C.
OBRAY H. *see* CHAMPION B. R.
O'DONNELL C. A., FOSTER A. L. & COLEMAN J. W. Penicillamine and penicillin can generate antigenic determinants on rat peritoneal cells *in vitro*, 571
O'DONOGHUE H. L. *see* LAWSON C. M.
OHNISHI K. *see* FUJIWARA H.
OLIVER R. A. *see* GLASS E. J.
O'NEILL J. K., BUTTER C., BAKER D., GSCHMEISSNER S. E., KRAAL G., BUTCHER E. C. & TURK J. L. Expression of vascular addressins and ICAM-1 by endothelial cells in the spinal cord during chronic relapsing experimental allergic encephalomyelitis in the Biozzi AB/H mouse, 520
OPDEBEECK J. P. *see* LEE R. P.

PAAVONENE T. *see* BHALLA A. K.
PADEH S., JAFFE C. L. & PASSWELL J. H. Activation of human monocytes via their sIgA receptors, 188
PAGE K. *see* CHAMPION B. R.
PALS J. W. *see* VAN DER HEIJDEN P. J.
PANDEY V. C. *see* KHANNA M.
PARISH C. R. *see* BRADBURY M. G.
PASSWELL J. H. *see* PADEH S.
PATTERSON S., GROSS J., BEDFORD P. & KNIGHT S. C. Morphology and phenotype of dendritic cells from peripheral blood and their produc-

tive and non-productive infection with human immunodeficiency virus type 1, 361
PAVELIĆ K. *see* MARUŠIĆ-GALEŠIĆ S.
PIETERSZ G. A. *see* XING P.-X.
PIRON J. *see* TAUSSIG M. J.
PLIEGO RIVERO F. B. *see* BARBONI E.
POKRIĆ B. *see* MARUŠIĆ-GALEŠIĆ S.
PRESS C., MCCLURE S. & LANSVERK T. Computer-assisted morphometric analysis of absorptive and follicle-associated epithelia of Peyer's patches in sheep foetuses and lambs indicates the presence of distinct T- and B-cell components, 386
PROUD G. *see* KIRBY J. A.
PRYCE G., MALE D. K. & SARKAR C. Control of lymphocyte migration into brain: selective interactions of lymphocyte subpopulations with brain endothelium, 393

QUINN D. G., FENNELL J. S., SHEILS O., GAFFNEY E. F. & FEIGHERY C. F. Effect of cyclosporin on immune complex deposition in murine glomerulonephritis, 550

RAULF M. & KÖNIG W. *In vitro* effects of polychlorinated biphenyls on human platelets, 287
REED W. D. *see* LAWSON C. M.
REID G. *see* MOWAT A. MCI.
REIMER C. B. *see* BLACK C. M.
REYNOLDS K. *see* XING P.-X.
RIDER C. C. *see* WILSON A. P.
RILL D. M. *see* BELLO-FERNANDEZ C.
RODRIGUEZ C. *see* BRIEVA J. A.
RODRIGUEZ DE CUNA C., KIERSZENBAUM F. & WIRTH J. J. Binding of the specific ligand to Fc receptors on *Trypanosomi cruzi* increases the infective capacity of the parasite, 114
ROGERS M. V. *see* YANG D. M.
ROLA-PLESZCZYNSKI M. *see* BOUBELLE P. E.
ROLDÁN E. *see* BRIEVA J. A.
ROZING J. *see* VAN DEN BEGH P.
RYFFEL B., WOERLY G., GREINER B., HAENDLER B., MIHATSCH M. J. & FOXWELL B. M. J. Distribution of the cyclosporine binding protein cyclophilin in human tissues, 399

SAKATO N. *see* MINAMI Y.
SARKAR C. *see* PRYCE G.
SATO Y. *see* KORENAGA M.
SCHÄFER H. & BURGER R. Identification and functional characterization of guinea-pig CD4: antibody binding transduces a negative signal on T-cell activation, 261
SCOLDING N. J. & COMPSTON D. A. S. Oligodendrocyte–macrophage interactions *in vitro* triggered by specific antibodies, 127
SECKINGER P. *see* FERRANTE A.
SEGAL V. *see* LEVI-SCHAFFER F.
SEN D. *see* WU C. J.
SERUSHAGO B. A. *see* MURAMORI K.
SHALIT M. *see* LEVI-SCHAFFER F.
SHEILS O. *see* QUINN D. G.
SHELLAM G. R. *see* LAWSON C. M.
SHIMADA K. *see* HIRABAYASHI Y.
SHIMOZATO T., IWATA M., KAWADA H. & TAMURA N. Human immunoglobulin preparation for intravenous use induces elevation of cellular cyclic adenosine 3′:5′-monophosphate levels, resulting in suppression of tumour necrosis factor alpha and interleukin-1 production, 497
SIMS M. J. *see* TAUSSIG M. J.
SINHA B. *see* ENDRES S.
SKIPSEY L. J. *see* WARREN H. S.
SMALL P. A. *see* BENDER B. S.
SMITH J. L. *see* WARREN C. J.
SMITH W. B., GAMBLE J. R., CLARK-LEWIS I. & VADAS M. A. Interleukin-8 induces neutrophil transendothelial migration, 65
SOBRINO F. *see* CHIARA M. D.
SPAN A. H. M., MULLERS W., NILTENBURG A. M. M. & BRUGGEMAN C. A. Cytomegalovirus induced PMN adherence in relation to an ELAM-1 antigen present on infected endothelial cell monolayers, 355
SPOONER R. L. *see* GLASS E. J.
STANLEY C. M. *see* STEWARD M. W.
STEWARD M. W., STANLEY C. M., DIMARCHI R., MULCAHY G. & DOEL T. R. High-affinity antibody induced by immunization with a synthetic peptide is associated with protection of cattle against foot-and-mouth disease, 99
STEWART A. G., HARRIS T., DE NICHILO M. & LOPEZ A. F. Involvement of leukotriene B_4 and platelet-activating factor in cytokine priming of human polymorphonuclear leucocytes, 206
STOK W. *see* VAN DER HEIJDEN P. J.
STOKES C. R. *see* CLARKE C. J.
STOLL D. *see* ENDRES S.
SUGIYAMA H. *see* MINAMI Y.
SUZUKI Y. *see* HIRABAYASHI Y.
SWAIN S. L. *see* KUBOTA E.
SYMINGTON P. R. *see* TAUSSIG M. J.

TADA I. *see* KORENAGA M.
TAGA K., KASAHARA Y., YACHIE A., MIYAWAKI T. & TANIGUCHI N. Preferential expression of IL-2 receptor subunits on memory populations within $CD4^+$ and $CD8^+$ T cells, 15
TAKATSU K. *see* KORENAGA M.
TAMURA N. *see* SHIMOZATO T.
TAMURA S.-I. *see* HIRABAYASHI Y.
TANIGUCHI N. *see* TAGA K.
TAUSSIG M. J., SYMINGTON P. R., WOODS M., SIMS M. J., BEALE D., HUMPHREYS A. S., NORTHROP A. J., BARKER P. J., HUSKISSON N. S., COLEY J., PIRON J. & GANI M. Blot-sequencing of antibodies: application analysis of V gene usage among anti-steroid monoclonal antibodies, 471
TAYLOR R. M. R. *see* KIRBY J. A.
TEKWANI B. L. *see* KHANNA M.
THOMPSON G. R. *see* ZOLA H.
THOMPSON H. L., BURBELO P. D., YAMADA Y., KLEINMAN H. K. & METCALFE D. D. Identification of an amino acid sequence in the laminin A chain mediating mast cell attachment and spreading, 144
TITE J. P. *see* GAO X.-M.
TSUYUGUCHI I. *see* FUJIWARA H.
TURCK C. W. *see* DEMETER J.
TURK J. L. *see* O'NEILL J. K.

UNDERWOOD J. R. *see* KOOY J.

VADAS M. A. *see* SMITH W. B.
VAN DAMME J. *see* BERTINI R.
VAN DAMME J. *see* VERWILGHEN J.
VAN DEN BEGH P., ROZING J. & NAGELKERKEN L. Two opposing modes of action of β-endorphin on lymphocyte function, 537
VAN DER HEIJDEN P. J., BIANCHI A. T. J., DOL M., PALS J. W., STOK W. & BOKHOUT B. A. Manipulation of intestinal immune responses against ovalbumin by cholera toxin and its B subunit in mice, 89
VAN DER ZEIJST B. A. M. *see* BOOTS A. M. H.
VAN KOOTEN P. J. S. *see* BOOTS A. M. H.
VAN LIEROP M. J. *see* BOOTS A. M. H.
VAN VAEK F. *see* VERWILGHEN J.
VERWILGHEN J., BAROJA M. L., VAN VAEK F., VAN DAMME J. & CEUPPENS J. L. Differences in the stimulating capacity of immobilized anti-CD3 monoclonal antibodies: variable dependence of interleukin-1 as a helper signal for T-cell activation, 269
VIDAL M. *see* BARBONI E.

WAKELIN D. *see* NEWLANDS G. F.
WALSH L. P. *see* ZALOOM Y.
WANG J. M. *see* BERTINI R.
WARREN C. J., HOWELL W. M., BHAMBHANI M., CAWLEY M. I. D. & SMITH J. L. An investigation of T-cell subset phenotype and function in the rheumatoid synovium using *in situ* hybridization for IL-2 mRNA , 250
WARREN H. S. & SKIPSEY L. J. Phenotypic analysis of a resting subpopulation of human peripheral blood NK cells: the FcRγIII(CD16) molecule and NK cell differentiation, 150
WASHINGTON E. *see* ABERNETHY N. J.
WATERFIELD J. D. & FAIRHURST M. Expression of an EL-4 tumour-associated determinant on subpopulations of murine T cells in normal and lympho-proliferative autoimmune mice, 226
WEBER P. C. *see* ENDRES S.

WEEDON H. *see* ZOLA H.
WIESMÜLLER K.-H., JUNG G., GILLESSEN D., LOFFL C., BESSLER W. G. & BÖLTZ T. The antibody response in BALB/c mice to the *Plasmodium falciparum* circumsporozoite repetitive epitope covalently coupled to synthetic liopopeptide adjuvant, 109
WILLEMS J. *see* BERTINI R.
WILLIAMS M. M. *see* BHALLA A. K.
WILLIAMS N. A., HILL T. J. & HOOPER D. C. Murine epidermal antigen-presenting cells in primary and secondary T-cell proliferative responses to herpes simplex virus *in vitro*, 34
WILLIAMS N. A. *see* CLARKE C. J.
WILSON A. D. *see* CLARKE C. J.
WILSON A. P. & RIDER C. C. Murine T lymphocytes and T-lymphoma cells produce chondroitin sulphate and heparan sulphate proteoglycans and free heparan sulphate glycosaminoglycan, 27
WIRTH J. J. *see* RODRIGUEZ DE CUNA C.
WOERLY G. *see* RYFFEL B.
WOODS M. *see* TAUSSIG M. J.
WU C. J., KARTTUNEN J. T., CHIN D. H. L., SEN D. & GILBERT W. Murine memory B cells are multi-isotype expressors, 48

XING P.-X., REYNOLDS K., PIETERSZ G. A. & MCKENZIE I. F. C. Effect of variations in peptide sequence on anti-human milk fat globule membrane antibody reactions, 304

YACHIE A. *see* TAGA K.
YAMADA M., NAKAZAWA M., MATSUMOTO Y. & ARIZONO N. IgE antibody production in rats against multiple components of excretory–secretory products of the nematode *Nippostrongylus brasiliensis*, 104
YAMADA Y. *see* THOMPSON H. L.
YAMAGUCHI A. & KAMADA N. Mechanisms in passive enhancement of cardiac and renal allografts by serum from liver-grafted rats, 79
YAMAGUCHI N. *see* KORENAGA M.
YANG D. M., ROGERS M. V. & LIEW F. Y. Identification and characterization of host-protective T-cell epitopes of a major surface glycoprotein (gp63) from *Leishmania major*, 3
YOSHIDA A. *see* KIMATA H.
YOSHIKAI Y. *see* MATSUMOTO K.

ZALOOM Y., WALSH L. P., MCCULLOCH P. & GALLAGHER G. Enhancement of a delayed hypersensitivity reaction to a contact allergen, by the systemic administration of interleukin-2, 584
ZAMOYSKA R. *see* MALOY K. J.
ZANDERS E. D. *see* CHAMPION B. R.
ZOLA H., WEEDON H., THOMPSON G. R., FUNG M. C., INGLEY E. & HAPEL S. A. Expression of IL-2 receptor p55 and p75 chains by human B lymphocytes: effects of activation and differentiation, 167

ADONIS 001928059100101C

Subject Index

Aglycosylated anti-D:
  interactions with $Fc\gamma RI^+$ and III^+ cells, 481
Allografts, renal and cardiac:
  enhancement by serum from liver-grafted rats, 79
Allografts, thyroid:
  inability to induce self-tolerance, 405
Anti-laminin antibody:
  modification of lymphocyte traffic, 312
Antibody affinity, high:
  association with protection against FMDV, 99
Antibody responses:
  to *P. falciparum* circumsporozoite epitope, 109
Antigen recognition:
  by bovine T cells, 380
Autoreactive anti-cytomegalovirus monoclonal antibodies, 426

B-cell activation:
  by fixed T-helper cells plus IL-4, 40
B cells, memory, murine:
  expression of multi-isotypes, 48
Boophilus microplus:
  isolation of protective antigens, 121

CD56:
  detection on human thyroid epithelial cells, 246
Cellular immunity:
  to *Trichuris muris*, 508
Chemical allergens:
  responses to, 563
Chlorpromazine:
  effects on PMN activities, 138
Cholera toxin:
  and intestinal immune responses, 89
  H-2 unrestricted adjuvant effect, 329
Collagen arthritis:
  down-regulation after treatment with syngeneic anti-idiotype antibody, 486
Cyclophilin:
  distribution in human tissues, 399
Cyclosporin:
  effect on immune complex deposition in murine glomerulonephritis, 550
Cytokine synthesis:
  regulation by cyclic nucleotides, 56
Cytotoxic T cells:
  class II restricted, clonal analysis, 256
Cytotoxic T-lymphocyte activity:
  to influenza, decrease in aged mice, 514
Cytotoxic T lymphocytes:
  priming by tumour, 532

Delayed hypersensitivity:
  enhancement by systemic administration of interleukin-2, 584
Dendritic cells:
  morphology and phenotype, infection with HIV-1, 361
Dengue virus cytotoxic factor:
  requirement for Ca^{2+} for activity, 73
Dihydroxyvitamin D_3:
  regulation of IL-1 and TNF gene expression in myelomonocytic cell lines, 61

EL-4 tumour-associated determinant:
  expression in T-cell subpopulations, 226
Endoplasmic reticulum and Golgi complex:
  identification of components of, by autoantibodies, 418
β-endorphin:
  modes of action on lymphocyte function, 537
Epidermal antigen-presenting cells:
  in primary and secondary T-cell responses to HSV, 34
Experimental allergic encephalomyelitis:
  expression of vascular addressins and ICAM-1 by spinal cord endothelial cells, 520

Fc receptors, on *T. cruzi*:
  biological role, 114
Fibroblast-activating factor:
  of macrophages, 350

Glycosaminoglycans:
  lymphocyte receptors for, 231
Guinea-pig CD4:
  identification and functional characterization, 261

I-A region control:
  of IgE response, 577
Immune complex:
  cellular immune response to antigen in, 526
Immune-stimulating complexes:
  priming of CTL via the oral route, 317
Immunoglobulin 2 and IgG4 human markers in the chimpanzee, 94
Immunoglobulin A antibodies in rat bile:
  primacy of GALT as a source of IgA, 85
Immunoglobulin E antibody:
  against excretory–secretory products of *N. brasiliensis*, 104
Immunoglobulin E response, long-lived:
  following co-administration of ricin and antigen, 297
Immunoglobulin G-secreting cells:
  phenotype and level of maturation, 580
Immunoglobulin, human:
  elevation of cAMP and suppression of TNF-α and IL-1, 497
Immunoglobulin responses, secondary:
  of BALB/c mice stimulated with goat anti-mouse IgD, 336
Interferon-gamma:
  effect of MHC class II expression by neonatal enterocytes, 491
Interleukin-2 receptor chain expression by B lymphocytes, 167
Interleukin-2 receptor subunits:
  expression on memory T cells, 15
Interleukin-4:
  homeostatic regulation of IL-2-induced TNF and IFN-γ, 161
  suppression of IL-1β, TNF-α and PGE_2 production by macrophages, 344
Interleukin-5:
  role in immunity to *Strongyloides*, 502
Interleukin-8:
  induction of transendothelial migration, 65
Interleukins:
  effects on connective tissue type mast cell, 174
Intraepithelial lymphocytes:
  phenotypic heterogeneity, 555

Laminin A chain:
  amino acid sequence mediating mast cell attachment and spreading, 144
Leishmania infection in T-cell deficient BALB/c mice, 282
Leukotriene B4 and platelet-activating factor:
  role in cytokine priming of PMN, 206

Lymphocyte migration:
control, into brain, 393
Lymphocyte recirculation in sheep:
role of lymphocyte endothelial cell recognition mechanisms, 239

Maternal preimmunization:
effect on responsiveness in Mls^a and Mls^b newborn mice, 219
MHC class II gene transfection:
effect on tumourigenicity of K36.16, 213
MHC class II molecules:
in murine macrophages, 199
Macrophage cell lines, mouse:
SV40 immortalized, 368
Macrophage chemotactic factor and macrophage-activating factor:
production by *Listeria*-specific T cells, 373
Monoclonal antibodies:
to H-chain variable region of MOPC141, 464
Monocytes, human:
activation via sIgA receptors, 188
Mucosal priming of T lymphocytes, 323

Natural killer cells, resting:
and $FcR_{\gamma}III$ (CD16), 150
Natural killer lysis:
of HSV-1- or VSV-infected targets, 443
Nerve growth factor:
stimulation of immunoglobulin production and growth of B-cell lines, 451
Neutrophil adherence to endothelium:
augmented by anti-CD9 antibodies, 292
Neutrophil-stimulating activity:
characterization, 448

Oligodendrocyte–macrophage interactions, 127

Penicillamine and penicillin:
generation of antigenic determinants *in vitro*, 571
Peyer's patches:
sheep and lambs, morphometric analysis of absorptive and follicle-associated epithelia, 386

Platelet-activating factor:
enhancement of TNF and IL-1 production, 181
Platelets: effect of polychlorinated biphenyls on, 287
Polymorphonuclear cell adherence:
cytomegalovirus induced, relationships to ELAM-1, 355
Proteinase, murine bone marrow-derived mast cell:
heterogeneity, 434

Rapamycin:
inhibition of T- and B-lymphocyte proliferation, 544
Renal allograft rejection:
alloantigen presentation by renal epithelial cells, 411
Respiratory burst in mouse macrophages, modulation of inhibition by cyclosporin, 133
Rheumatoid synovium:
T-cell subset phenotype, 250

Suppressor cell-inducing factor:
release by monocytes from patients with tuberculosis, 194
Synthetic peptides:
reaction with anti-human milk fat globule membrane antibodies, 304

T-cell activation:
by cross-linking of Thy-1, 457
second signals via CD3, 269
T-cell differentiation:
intrathymic pathways, 20
T-cell epitopes:
of *Leishmania major*, 3
T-cell hybridomas:
specific for avian coronavirus IBV, 10
T-cell responses:
inhibition by Ki-*ras* transformed cells, 277
T lymphocytes and lymphoma cell proteoglycans, 27
Tumour necrosis factor inhibitor and neutrophil activation, 440

V gene usage:
in anti-steroid monoclonals, by blot sequencing, 471